



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☒ OR GAS WELL

|   |                              |                         |                          |
|---|------------------------------|-------------------------|--------------------------|
| NAME OF COMPANY OR OPERATOR<br><b>PENSE BROTHERS DRILLING CO., INC.</b> |                              | DATE<br><b>11/20/96</b> |                          |
| ADDRESS<br><b>Box 551 - 800 NEWBERRY ST.</b>                            | CITY<br><b>FREDERICKTOWN</b> | STATE<br><b>MO</b>      | ZIP CODE<br><b>63645</b> |

|   |  |   |   |
|---|--|---|---|
| DESCRIPTION OF WELL AND LEASE<br><b>HONSINGER</b> |  | WELL NUMBER<br><b>DEVELOPMENTAL 12-A (SUPPLEMENTAL)</b> | ELEVATION (GROUND)<br><b>958 (TOPO)</b> |
|---|--|---|---|

|  |                        |                     |                       |
|--|------------------------|---------------------|-----------------------|
| WELL LOCATION<br>(GIVE FOOTAGE FROM SECTION LINE)<br><b>2040</b> FT. FROM (N) SECTION LINE <b>792</b> FEET FROM (E) SECTION LINE |                        |                     |                       |
| SECTION<br><b>E/2 LOT 1 OF NE/4 5</b>  | TOWNSHIP<br><b>43N</b> | RANGE<br><b>33W</b> | COUNTY<br><b>CASS</b> |

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE **792** FEET  
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE **241.5'** FEET

|  |   |  |  |
|--|---|--|--|
| PROPOSED DEPTH<br><b>380'</b>  | DRILLING CONTRACTOR, NAME AND ADDRESS<br><b>PENSE BROS. DRG. CO., INC.<br/>Box 551, FREDERICKTOWN, MO 63645</b> | ROTARY OR CABLE TOOLS<br><b>ROTARY (AIR)</b> | APPROX. DATE WORK WILL START<br><b>ON PERMIT</b> |
| NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR <b>8</b> |   | NUMBER OF ABANDONED WELLS ON LEASE <b>3</b>  |  |

|   |  |   |
|---|--|---|
| IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?<br>NAME <b>N/A</b><br>ADDRESS _____ |  | NO OF WELLS: PRODUCING <b>4</b><br>INJECTION <b>0</b><br>INACTIVE _____<br>ABANDONED <b>3</b> |
|---|--|---|

|   |
|---|
| STATUS OF BOND<br><input type="checkbox"/> SINGLE WELL AMOUNT \$ _____<br><input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ <b>20,000.00</b><br><input checked="" type="checkbox"/> ON FILE<br><input type="checkbox"/> ATTACHED |
|---|

REMARKS (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)  
**N/A**

| PROPOSED CASING PROGRAM |               |                 |                 | APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST |               |       |                   |
|-------------------------|---------------|-----------------|-----------------|--|---------------|-------|-------------------|
| AMOUNT                  | SIZE          | WT/FT           | CEM.            | AMOUNT   | SIZE          | WT/FT | CEM.              |
| <b>50'</b>              | <b>7"</b>     | <b>19.5 LBS</b> | <b>TO SURF.</b> | <b>50'</b>   | <b>7"</b>     |       | <b>SURFACE-TD</b> |
| <b>TD TO SURFACE</b>    | <b>4 1/2"</b> | <b>10.5 LBS</b> | <b>TO SURF.</b> | <b>TO SURFACE</b>                                    | <b>4 1/2"</b> |       | <b>SURFACE-TD</b> |
|                         |               |                 |                 |  |               |       |                   |
|                         |               |                 |                 |  |               |       |                   |

I, the undersigned, state that I am the **ASST. V. P.** of the **PENSE BROS. DRG. CO., INC.** (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE **PENSE BROS. DRG. CO., INC.**  
**BY: B. B. Blaneeth** DATE **ORIGINAL - 8/18/96**  
**11/20/96**

|  |  |   |
|--|--|---|
| PERMIT NUMBER<br><b>20625</b>            | <input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED<br><input checked="" type="checkbox"/> CONE ANALYSIS REQUIRED IF RUN<br><input type="checkbox"/> SAMPLES REQUIRED<br><input checked="" type="checkbox"/> SAMPLES NOT REQUIRED<br><input type="checkbox"/> WATER SAMPLES REQUIRED AT _____ | <input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN<br><input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN |
| APPROVAL DATE<br><b>ORIGINAL 8/20/96</b> | <b>RECEIVED</b>  |   |
| APPROVED BY _____                        | <b>NOV 26 1996</b>   |   |

NOTE ► THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.

**MO Oil & Gas Council**  
\_\_\_\_\_, of the \_\_\_\_\_ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

|      |
|------|
| DATE |
|------|



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL  
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

SEP 27 1996 OGC-5

MO Oil & Gas Council

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☒ OIL ☐ GAS ☐ DRY

|   |   |   |   |
|---|---|---|---|
| OWNER<br><b>PENSE BROTHERS DRILLING CO., INC.</b>   |   | ADDRESS<br><b>Box 551, FREDERICKTOWN, MO 63645</b>              |   |
| LEASE NAME<br><b>MICHAEL HONLSINGER</b>   |   | WELL NUMBER<br><b>12-A</b>                                      |   |
| LOCATION<br><b>E/20 Plot 1 of NE/4</b>  |   | SEC. TWP. AND RANGE OR BLOCK AND SURVEY<br><b>5, T43N, R33W</b> |   |
| COUNTY<br><b>CASS</b>   | PERMIT NUMBER (OGC-3 or OGC-3H)<br><b>20625</b> |   |   |
| DATE SPUDDED<br><b>8/18/96</b>  | DATE TOTAL DEPTH REACHED<br><b>8/20/96</b>      | DATE COMPLETED READY TO PRODUCE OR INJECT<br><b>9/15/96</b>     | ELEVATION (OF RKR, RT, OR Gr.) FEET<br><b>939 Gr (Topo)</b> |
| TOTAL DEPTH<br><b>290'</b>  | PLUG BACK TOTAL DEPTH<br><b>N/A</b>             |   | ELEVATION OF CASING HD FLANGE FEET<br><b>941.5</b>          |
| PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION<br><b>235.5' - 244.0'</b>  |   | ROTARY TOOLS USED (INTERVAL)<br><b>0 TO T.D.</b>                | CABLE TOOLS USED (INTERVAL)<br><b>N/A</b>                   |
| DRILLING FLUID USED<br><b>AIR + WATER</b>   |   |   |   |
| WAS THIS WELL DIRECTIONALLY DRILLED?<br><b>No</b>   | WAS DIRECTIONAL SURVEY MADE?<br><b>No</b>       | WAS COPY OF DIRECTIONAL SURVEY FILED?<br><b>N/A</b>             | DATE FILED<br><b>N/A</b>                                    |
| TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST)<br><b>GAMMA RAY - NEUTRON (PERFORATE) + LITHOLOGY LOG</b> |   |   | DATE FILED<br><b>9/25/96</b>                                |

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

| PURPOSE      | SIZE HOLE DRILLED | SIZE CASING SET | WEIGHT (LB. FT) | DEPTH SET | SACKS CEMENT | AMOUNT PULLED |
|--------------|-------------------|-----------------|-----------------|-----------|--------------|---------------|
| SURFACE      | 8 5/8"            | 7"              | 19.5            | 50' 03"   | 6            | NIL           |
| PROD. STRING | 6 1/4"            | 4 1/2"          | 10.5            | 285'      | 42           | NIL           |

TUBING RECORD

LINER RECORD

| SIZE      | DEPTH SET | PACKER SET AT | SIZE     | TOP      | BOTTOM   | SACKS CEMENT | SCREEN   |
|-----------|-----------|---------------|----------|----------|----------|--------------|----------|
| 2 3/8 IN. | 235 FEET  | N/A FEET      | N/A INCH | N/A FEET | N/A FEET | N/A          | N/A FEET |

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

| NUMBER PER FEET | SIZE AND TYPE  | DEPTH INTERVAL  | AMOUNT AND KIND OF MATERIAL USED                                 | DEPTH INTERVAL  |
|-----------------|----------------|-----------------|--|-----------------|
| 2               | 3 1/8" DML-HSC | 235.5' - 244.0' | { 15% HCl - 250 GAL }<br>3000 LB 10/20 SAND<br>2000 LB 8/12 SAND | 235.5' - 244.0' |

INITIAL PRODUCTION

|   |                                  |   |  |  |  |  |                               |
|---|----------------------------------|---|--|--|--|--|-------------------------------|
| DATE OF FIRST PRODUCTION OR INJECTION<br><b>9/15/96</b> |                                  | PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP)<br><b>PUMPING (1 1/2" x 4' ALL BRASS, 4 CUP @ CUP HOLD DOWN TO 5/8" ROD.)</b> |  |  |  |  |                               |
| DATE OF TEST<br><b>9/15/96</b>                          | HOURS TESTED<br><b>24</b>        | CHOKE SIZE<br><b>NIL</b>  | OIL PRODUCED DURING TEST<br><b>6</b> bbls. | GAS PRODUCED DURING TEST<br><b>2</b> MCF | WATER PRODUCED DURING TEST<br><b>0.5</b> bbls. | OIL GRAVITY<br><b>33.4</b> API (CORR.) |                               |
| TUBING PRESSURE<br><b>75+M</b>                          | CASING PRESSURE<br><b>20 LBS</b> | CALC'D RATE OF PRODUCTION PER 24 HOURS  |  | OIL<br><b>6</b> bbls.                    | GAS<br><b>2</b> MCF                            | WATER<br><b>0.5</b> bbls.              | GAS OIL RATIO<br><b>333-1</b> |

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

**VENTED**

METHOD OF DISPOSAL OF MUD PIT CONTENTS

**DRILLED WITH AIR ROTARY - (CUTTINGS ONLY IN PIT) TO BE OVERFILLED WITH TOPSOIL & RESEED**

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE **ASSISTANT VICE-PRESIDENT** OF THE **PENSE BROS. DRLG. CO.** COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE

|                        |   |
|------------------------|---|
| DATE<br><b>9/25/96</b> | SIGNATURE<br><b>PENSE BROS. DRLG. CO., INC.</b><br><b>By: B E Blawett, ASSY. V.P.</b> |
|------------------------|---|

SURF. CSG. ~ 50' 03"  
6 SACKS CEMENT

HONSINGER # 9  
PENSE BROS. DRLLG.

SEC 5-43-33  
CASS CO., MO  
8/20/96

PERMIT #20625

- 0-5 TOPSOIL - BROWN SANDY LOAM  
5-8 CLAY - TAN TO LIGHT REDDISH BROWN  
8-15 LIMESTONE & SHALE STRIATIONS  
30-45 LIMESTONE, BUFF TO TAN  
45-52 SHALE, DARK GREY - SLIGHT COAL SEAM (W) UNDERCLAY  
52-74 LIMESTONE, DENSE, BUFF TO WHITE  
74-80 SHALE, VARIEGATED, GREY TO DARK GREY  
80-90 SHALY LIMESTONE (W) SAND  
90-92 SHALE, GREY TO DARK GREY  
92-102 SILTSTONE, SHALY TO SHALE, SANDY, GREY TO DARK GREY  
102-120 SHALY SILTSTONE, GREY TO LIGHT GREY  
120-230 SHALE, GREY TO BLUE GREY, SOME SLIGHTLY CARBONACEOUS  
230-234 VARIEGATED SHALE, BLACK TO DARK GREY, SLIGHT COAL SHOW  
234-250 SANDSTONE, TAN TO BROWN, SOME WELL ROUNDED,  
MOSTLY SUB-ANGULAR. GOOD FLUORESCENCE, STAINING,  
CUT, & GAS & OIL EVIDENT TO PIT FROM 234' THRU 245'  
250-280 SHALE, GREY TO LIGHT GREY  
280-290 LIMESTONE.  
TD - 290'

RECEIVED  
SEP 27 1996

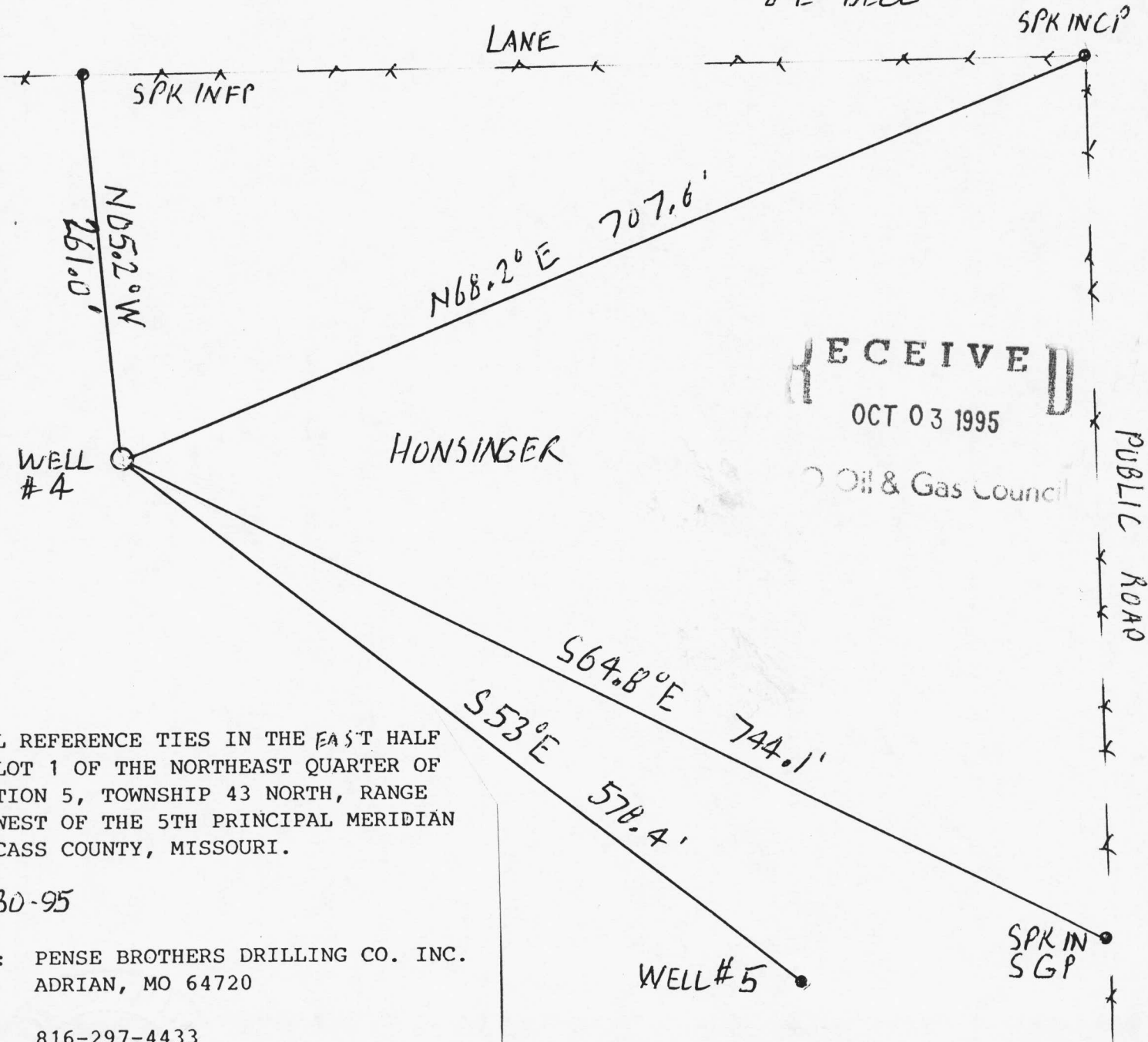
MO Oil & Gas Council

W. C. LETHCHO  
COUNTY ENGINEER & SURVEYOR  
Bates County Court House  
BUTLER, MO. 64730  
Phone 679-4031

1" = 100'  
Sheet 1 of 2



MAG BRG  
B°E DECL



WELL REFERENCE TIES IN THE EAST HALF  
OF LOT 1 OF THE NORTHEAST QUARTER OF  
SECTION 5, TOWNSHIP 43 NORTH, RANGE  
33 WEST OF THE 5TH PRINCIPAL MERIDIAN  
IN CASS COUNTY, MISSOURI.

9-30-95

FOR: PENSE BROTHERS DRILLING CO. INC.  
ADRIAN, MO 64720

816-297-4433

THESE TIES ARE IN ACCORDANCE WITH  
CURRENT MINIMUM SURVEY STANDARDS.

WILLIAM C. LETHCHO LS-1539

W. C. LETHCHO  
COUNTY ENGINEER & SURVEYOR  
Bates County Court House  
BUTLER, MO. 64730  
Phone 679-4031

WELL REFERENCE TIES IN THE EAST HALF OF LOT 1 OF THE NORTHEAST QUARTER  
OF SECTION 5, TOWNSHIP 43 NORTH, RANGE 33 WEST OF THE 5TH PRINCIPAL  
MERIDIAN IN CASS COUNTY, MISSOURI.

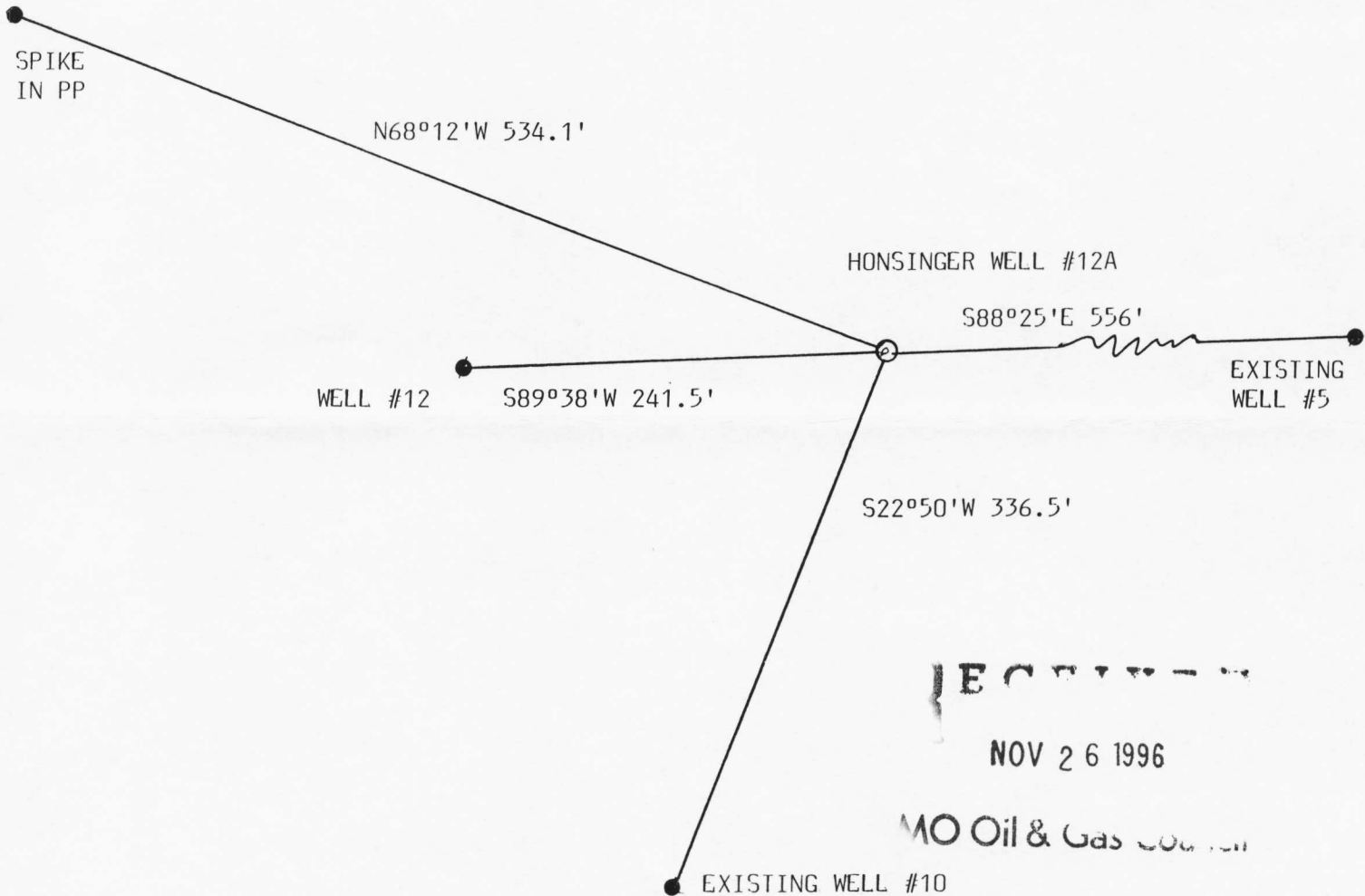
FOR: PENSE BROTHERS DRILLING CO., INC.  
ADRIAN, MO 64720  
816-297-4433

NORTH



1"=100'

MAG BRGS 8° EAST DECL.



THIS IS TO CERTIFY THESE TIES ARE IN ACCORDANCE WITH CURRENT MINIMUM STANDARDS.

10-14-96 WILLIAM C. LETHCHO LS-1539



WELL LOCATION MAP - CASS COUNTY TAX MAP 16-03

RECEIVED

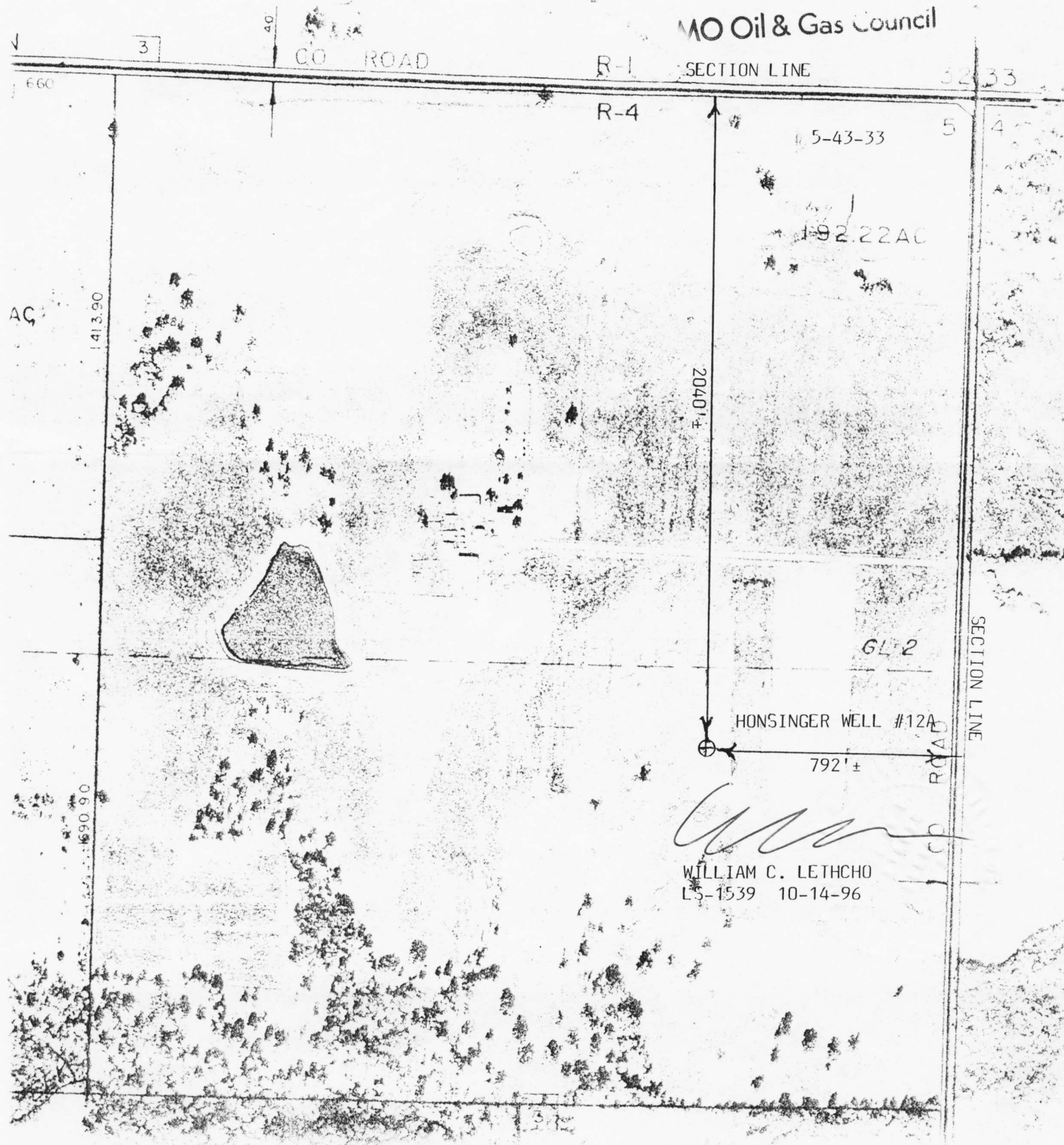
NOV 26 1996

NORTH



1"=400'±

MO Oil & Gas Council

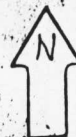


R-1

CO ROAD

32 33

PAGE 2 of 2



1" = 400'

T43N R33W

R-4

5

4

HONSINGER

192.22 AC

GORMAN

1700' ±

670' ±

#4

RECEIVED

OCT 03 1995

COIT & G

CO ROAD

40'

WELL LOCATION MAP - CASS  
COUNTY TAX MAP 16-03

WILLIAM C. LETHCHD LS-1539

40.00 AC

McMAHAN